

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Karim Zaghib et al.	)	Group Art Unit: 1713
Application No.: 10/501,844	)	Examiner:
Filed: June 10, 2005	)	Confirmation No.: 8954
For: POLYMER ELECTROLYTE WITH HIGH	)	
STABILITY, ITS USE IN	)	
ELECTROCHEMICAL SYSTEMS	)	

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a copy of the Official Filing Receipt marked in red to show correction that is needed. The correction is as follows:


Please change the title in the Official Filing Receipt as amended in the Preliminary Amendment dated July 16, 2004 **FROM Highly-stable polymeric electrolyte and use thereof in electrochemical systems TO POLYMER ELECTROLYTE WITH HIGH STABILITY, ITS USE IN ELECTROCHEMICAL SYSTEMS.**

Issuance of a corrected Official Filing Receipt is respectfully requested.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: October 24, 2005

By:   
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/501,844	06/10/2005	1713	1320	032256-019	6	35	2

CONFIRMATION NO. 8954

21839  
BUCHANAN INGERSOLL PC  
(INCLUDING BURNS, DOANE, SWECKER & MATHIS)  
POST OFFICE BOX 1404  
ALEXANDRIA, VA 22313-1404

## FILING RECEIPT



\*OC000000016373244\*

Date Mailed: 07/01/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Karim Zaghib, Longueuil Quebec, CANADA;  
Michel Perrier, Montreal Quebec, CANADA;  
Abdelbast Guerfi, Brossard Quebec, CANADA;  
Elisabeth Dupuis, McMasterville Quebec, CANADA;  
Patrick Charest, Ste-Julie Quebec, CANADA;  
Francois Allaire, Cap-de-la-Madeleine Quebec, CANADA;  
Michel Armand, Montreal Quebec, CANADA;

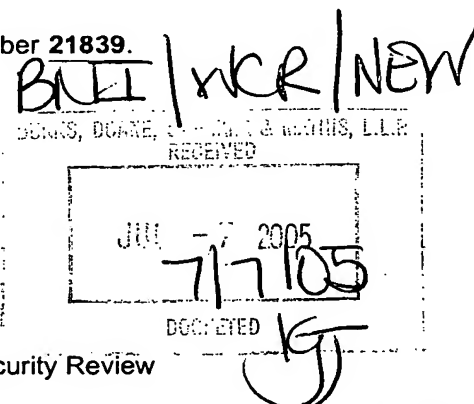
Power of Attorney: The patent practitioners associated with Customer Number 21839.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA03/00052 01/15/2003

## Foreign Applications

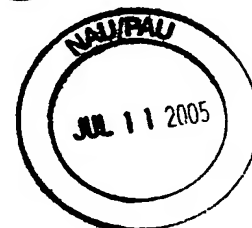
CANADA 2,367,290 01/16/2002



Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No



Title

Polymer electrolyte with high stability, its use in electrochemical systems.

~~Highly stable polymeric electrolyte and use thereof in electrochemical systems~~

Preliminary Class

521

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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### LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the

national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	MAIL STOP: ASSIGNMENT
	)	RECORDATION SERVICES
Karim Zaghib et al.	)	
	)	Group Art Unit: 1713
Application No.: 10/501,844	)	
	)	Examiner:
Filed: June 10, 2005	)	
	)	Confirmation No.: 8954
For: POLYMER ELECTROLYTE WITH HIGH	)	
STABILITY, ITS USE IN	)	
ELECTROCHEMICAL SYSTEMS	)	

**REQUEST FOR CORRECTED NOTICE OF  
RECORDATION OF ASSIGNMENT DOCUMENT**

Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Upon review of the Notice of Recordation of Assignment Document in connection with the above-identified application, the undersigned has noted the following error on the part of the U.S. Patent and Trademark Office:

Please change the title in the Recordation of Assignment as amended in the Preliminary Amendment dated July 16, 2004 **FROM Highly-stable polymeric electrolyte and use thereof in electrochemical systems TO POLYMER ELECTROLYTE WITH HIGH STABILITY, ITS USE IN ELECTROCHEMICAL SYSTEMS.**

Enclosed is a copy of the original Notice of Recordation of Assignment Document with corrections marked in red. It is respectfully requested that the above correction be made and that a corrected Notice of Recordation of Assignment Document be issued.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: October 24, 2005

By:   
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 29, 2005

PTAS

**\*700186900A\***~~\*700186900A\*~~

WILLIAM C. ROWLAND  
BUCHANAN INGERSOLL PC  
(INCLUDING BURNS, DOANE, SWECKER  
& MATHIS, L.L.P., POST OFFICE BOX 1404  
ALEXANDRIA, VA 22313-1404

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/10/2005

REEL/FRAME: 016325/0747  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZAGHIB, KARIM

DOC DATE: 05/03/2005

ASSIGNOR:

PERRIER, MICHEL

DOC DATE: 05/02/2005

ASSIGNOR:

GUERFL, ABDELBAST

DOC DATE: 05/02/2005

ASSIGNOR:

DUPUIS, ELISABETH

DOC DATE: 05/13/2005

ASSIGNOR:

CHAREST, PATRICK

DOC DATE: 05/02/2005

ASSIGNOR:

ALLAIRE, FRANCOIS

DOC DATE: 05/27/2005

016325/0747 PAGE 2

## ASSIGNOR:

ARMAND, MICHEL

DOC DATE: 04/20/2005

## ASSIGNEE:

HYDRO-QUEBEC

75, BOULEVARD RENE-LEVESQUE OUEST

MONTREAL, QUEBEC, CANADA H2Z 1A4

SERIAL NUMBER: 10501844

FILING DATE: 06/10/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: ~~HIGHLY STABLE POLYMERIC ELECTROLYTE AND USE THEREOF IN~~  
~~ELECTROCHEMICAL SYSTEMS~~*Polymer electrolyte with high stability, its use in  
electrochemical systems*

MARY BENTON, EXAMINER

ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

## Facsimile Transmission

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server software from RightFAX, Inc.*

**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

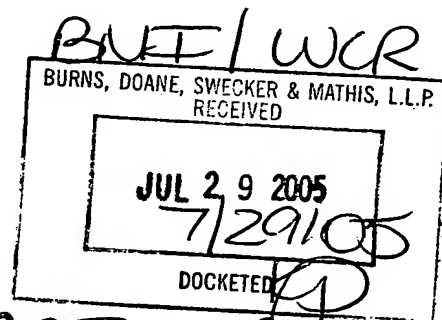
**To:** Name: WILLIAM C. ROWLAND  
Company: BUCHANAN INGERSOLL PC  
Fax Number: 17038367419  
Voice Phone:

### Fax Notes:

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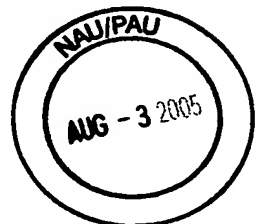
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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

**\*700186900A\***

**\*700186900A\***

JULY 29, 2005

PTAS

WILLIAM C. ROWLAND  
BUCHANAN INGERSOLL PC  
(INCLUDING BURNS, DOANE, SWECKER  
& MATHIS, L.L.P., POST OFFICE BOX 1404  
ALEXANDRIA, VA 22313-1404

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CHAREST, PATRICK

DOC DATE: 05/02/2005

ASSIGNOR:  
ALLAIRE, FRANCOIS

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016325/0747 PAGE 2

ASSIGNOR:

ARMAND, MICHEL

DOC DATE: 04/20/2005

ASSIGNEE:

HYDRO-QUEBEC

75, BOULEVARD RENE-LEVESQUE OUEST

MONTREAL, QUEBEC, CANADA H2Z 1A4

SERIAL NUMBER: 10501844

FILING DATE: 06/10/2005

PATENT NUMBER:

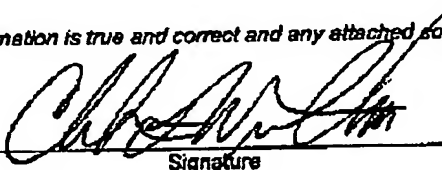
ISSUE DATE:

TITLE: HIGHLY-STABLE POLYMERIC ELECTROLYTE AND USE THEREOF IN  
ELECTROCHEMICAL SYSTEMS

MARY BENTON, EXAMINER

ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

<b>RECORDING COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
Substitute for Form PTO-1595		
<b>Attorney's Docket No. 032256-019</b>		
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.		
<b>1. Name of conveying party(ies):</b>  1. Karim ZAGHIB, 2. Michel PERRIER, 3. Abdelbast GUERFL, 4. Elisabeth DUPUIS, 5. Patrick CHAREST, 6. Francois ALLAIRE, and 7. Michel ARMAND  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: 1. May 3, 2005; 2. May 2, 2005; 3. May 2, 2005; 4. May 13, 2005; 5. May 2, 2005; 6. May 27, 2005; and 7. April 20, 2005	<b>2. Name and address of receiving party(ies):</b> Name: HYDRO-QUEBEC  Address: 75, Boulevard Rene-Levesque Ouest Montreal, Quebec, Canada H2Z 1A4  Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____		
A. Patent Application No.(s) 10/501,844	B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: William C. Rowland Address: Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 21839 P.O. Box 1404 Alexandria, Virginia 22313-1404	<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px;">1</span>  <b>7. Total fee (37 CFR 3.41):</b> \$ <span style="border: 1px solid black; padding: 2px;">\$40.00 (8021)</span> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit card. Form PTO-2038 is attached.  <b>8. Deposit account number:</b> 02-4800 (Attach duplicate copy of this page if paying by deposit account.)	
<b>DO NOT USE THIS SPACE</b>		
<b>9. Statement and Signature.</b> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
William C. Rowland Name of Person Signing	30,888 Reg. No.	 Signature
Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">7</span>		June 10, 2005 Date

Mail documents to be recorded with required cover sheet information to:  
 Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services  
 P.O. Box 1450 / Alexandria, VA 22313-1450

E.H. \$40.00 024800 10501844

\*\*\*\*\* -COMM. JOURNAL- \*\*\*\*\* DATE JUN-10-2005 \*\*\*\*\* TIME 21:37 \*\*\* P.01

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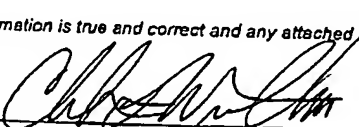
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703 836 7419- \*\*\*\*\*

Substitute for Form PTO-1595		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Attorney's Docket No. 032256-019					
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):  1. Karim ZAGHIB, 2. Michel PERRIER, 3. Abdelbast GUERFL, 4. Elisabeth DUPUIS, 5. Patrick CHAREST, 6. Francois ALLAIRE, and 7. Michel ARMAND			2. Name and address of receiving party(ies): Name: HYDRO-QUEBEC  Address: 75, Boulevard Rene-Levesque Ouest Montreal, Quebec, Canada H2Z 1A4		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other					
Execution Date: 1. May 3, 2005; 2. May 2, 2005; 3. May 2, 2005; 4. May 13, 2005; 5. May 2, 2005; 6. May 27, 2005; and 7. April 20, 2005					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____			Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
A. Patent Application No.(s) 10/501,844			B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: William C. Rowland Address:  Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, Virginia 22313-1404			6. Total number of applications and patents involved: <input type="text" value="1"/>		
			7. Total fee (37 CFR 3.41).....\$ \$40.00 (8021) <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit card. Form PTO-2038 is attached.		
			8. Deposit account number: 02-4800 (Attach duplicate copy of this page if paying by deposit account.)		
DO NOT USE THIS SPACE					
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
William C. Rowland Name of Person Signing		30,888 Reg. No.		 Signature	
				June 10, 2005 Date	
Total number of pages including cover sheet, attachments, and documents: <input type="text" value="7"/>					

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services  
P.O. Box 1450 / Alexandria, VA 22313-1450

DOCKETED  
filed

## ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Karim ZAGHIB, (2) Michel PERRIER, (3) Abdelbast GUERFI, (4) Elisabeth DUPUIS, (5) Patrick CHAREST, (6) Francois ALLAIRE and (7) Michel Armand, residing at (1) Longueuil, Quebec, (2) Montreal, Quebec, (3) Brossard, Quebec, (4) McMasterville, Quebec, (5) Ste-Julie, Quebec, (6) Cap-de-la-Madeleine, Quebec and (7) Montreal, Quebec, all of Canada (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in POLYMER ELECTROLYTE WITH HIGH STABILITY, ITS USE IN ELECTROCHEMICAL SYSTEMS set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No., and filed on;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☒ bearing Application No. PCT/CA03/00052, and filed on January 15, 2003;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, HYDRO-QUEBEC, a corporation duly organized under and pursuant to the laws of Canada and having a principal place of business at 75, Boulevard Rene-Levesque Ouest, Montreal, Quebec, Canada H2Z 1A4 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.


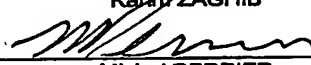
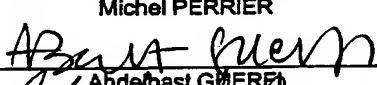
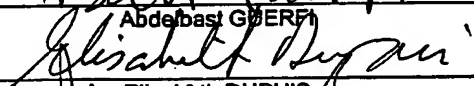
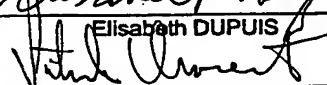
NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE <u>03-05-2005</u>	 _____ Karim ZAGHIB
DATE <u>02/05/2005</u>	 _____ Michel PERRIER
DATE <u>02/05/2005</u>	 _____ Abdelbasit GHERFI
DATE <u>13/05/2005</u>	 _____ Elisabeth DUPUIS
DATE <u>02/05/2005</u>	 _____ Patrick CHAREST
DATE _____	_____ Francois ALLAIRE
DATE _____	_____ Michel ARMAND

## ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Karim ZAGHIB, (2) Michel PERRIER, (3) Abdelbast GUERFI, (4) Elisabeth DUPUIS, (5) Patrick CHAREST, (6) Francois ALLAIRE and (7) Michel Armand, residing at (1) Longueuil, Quebec, (2) Montreal, Quebec, (3) Brossard, Quebec, (4) McMasterville, Quebec, (5) Ste-Julie, Quebec, (6) Cap-de-la-Madeleine, Quebec and (7) Montreal, Quebec, all of Canada (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in POLYMER ELECTROLYTE WITH HIGH STABILITY, ITS USE IN ELECTROCHEMICAL SYSTEMS set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No., and filed on;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☒ bearing Application No. PCT/CA03/00052, and filed on January 15, 2003;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, HYDRO-QUEBEC, a corporation duly organized under and pursuant to the laws of Canada and having a principal place of business at 75, Boulevard Rene-Levesque Ouest, Montreal, Quebec, Canada H2Z 1A4 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE \_\_\_\_\_

\_\_\_\_\_  
Karim ZAGHIB

DATE \_\_\_\_\_

\_\_\_\_\_  
Michel PERRIER

DATE \_\_\_\_\_

\_\_\_\_\_  
Abdelbast GUERFI

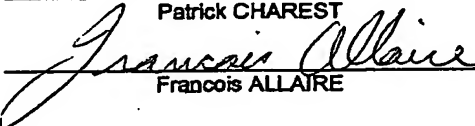
DATE \_\_\_\_\_

\_\_\_\_\_  
Elisabeth DUPUIS

DATE \_\_\_\_\_

\_\_\_\_\_  
Patrick CHAREST

DATE May 27<sup>th</sup>, 2005

  
\_\_\_\_\_  
Francois ALLAIRE

DATE \_\_\_\_\_

\_\_\_\_\_  
Michel ARMAND



## ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Karim ZAGHIB, (2) Michel PERRIER, (3) Abdelbast GUERFI, (4) Elisabeth DUPUIS, (5) Patrick CHAREST, (6) Francois ALLAIRE and (7) Michel Armand, residing at (1) Longueuil, Quebec, (2) Montreal, Quebec, (3) Brossard, Quebec, (4) McMasterville, Quebec, (5) Ste-Julie, Quebec, (6) Cap-de-la-Madeleine, Quebec and (7) Montreal, Quebec, all of Canada (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in POLYMER ELECTROLYTE WITH HIGH STABILITY, ITS USE IN ELECTROCHEMICAL SYSTEMS set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No., and filed on;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☒ bearing Application No. PCT/CA03/00052, and filed on January 15, 2003;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, HYDRO-QUEBEC, a corporation duly organized under and pursuant to the laws of Canada and having a principal place of business at 75, Boulevard Rene-Levesque Ouest, Montreal, Quebec, Canada H2Z 1A4 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No.  
Attorney Docket No. 032258-019

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns..

DATE _____	_____ Karim ZAGHIB
DATE _____	_____ Michel PERRIER
DATE _____	_____ Abdelbast GUERFI
DATE _____	_____ Elisabeth DUPUIS
DATE _____	_____ Patrick CHAREST
DATE _____	_____ Francois ALLAIRE
DATE <u>April 20, 2005</u>	<u>Michel Armand</u> _____ Michel ARMAND